

FORM PTO-1449 (Modified)	MAY 19 2003 SEARCHED INDEXED MAILED TRADEMARK SEARCHED SERIALIZED FILED JCPA	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No.: SLM-05800	Serial No.: 09/832,738
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary) (37 CFR § 1.98(b))		Applicant: Robert W. Corrigan et al.		
		Filing Date: April 10, 2001		Group Art Unit: 2643

U.S. PATENT DOCUMENTS

Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
CN	AA	5,661,592	8/26/97	Bornstein et al.	359	291	6/7/95
CN	AB	6,172,796	1/9/01	Kowarz et al.	359	290	12/18/98
CN	AC	6,181,458	1/30/01	Brazas, Jr. et al	359	290	12/18/98
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FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
	AP							
	AQ							
	AR							
	AS							
	AT							

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

AU	
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Examiner:

Date Considered:

4/8/04

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No.: SLM-05800

Serial No.: 09/832,738

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Use Several Sheets If Necessary)

(37 CFR § 1.98(b))

Applicant: Robert W. Corrigan et al.

Filing Date: April 10, 2001

Group Art Unit: 2643

U.S. PATENT DOCUMENTS

Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patente	Class	Subclass	Filing Date
	AA						
	AB						
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FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
CV	AP	WO 99/07146	02/11/99	PCT	H04N	7/16		X
	AQ							
	AR							
	AS							
	AT							

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

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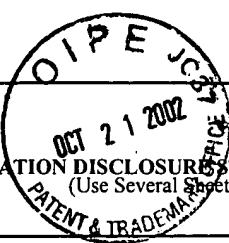
Date Considered:

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FORM PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No.: SLM-05800	Serial No.: 09/28,738
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(37 CFR § 1.98(b))		Filing Date: April 10, 2001	Group Art Unit: 2643



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U.S. PATENT DOCUMENTS

Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
CA	AA	4,011,009	03/08/77	Lama et al.	350	162 R	05/27/75
	AB	5,995,303	11/30/99	Honguh et al.	359	708	09/29/95
	AC	5,999,319	12/07/99	Castracane	359	573	04/29/98
	AD	6,071,652	06/06/00	Feldman et al.	430	5	03/20/98
	AE	6,122,299	09/19/00	DeMars et al.	372	20	12/31/97
	AF	6,252,697 B1	06/26/01	Hawkins et al.	359	290	12/18/98
	AG	6,268,952 B1	07/31/01	Godil et al.	359	291	07/14/99
	AH	6,396,789 B1	05/28/02	Guerra et al.	369	112	02/27/98
	AI	6,445,502 B1	09/03/02	Islam et al.	359	571	02/02/01
	AJ	2002/0015230 A1	02/07/02	Pilosof et al.	359	558	05/08/01
	AK	2002/0021485 A1	02/21/02	Pilosof	359	295	07/11/01
	AL	2002/0079432 A1	06/27/02	Lee et al.	250	216	08/07/01
✓	AM	2002/0105725 A1	08/08/02	Sweatt et al.	359	566	12/18/00
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	AO						

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		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
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	AQ							
	AR							
	AS							
	AT							

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

CA	AU	"Micromachined Opto/Electro/Mechanical Systems," Electronic Systems, NASA Tech Briefs, March 1997, pgs.50 & 52.
CA	AV	David M. Burns et al., "Development of Microelectromechanical Variable Blaze Gratings," Sensors and Actuators A 64 (1998), pgs 7-15.
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	AX	
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Date Considered: 4/8/04

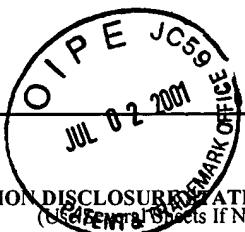
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: SMC4-05800		Serial No.: 09/832,738		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR § 1.98(b))				Applicant: Robert W. Corrigan et al.				
				Filing Date: April 10, 2001		Group Art Unit: 2643		
U.S. PATENT DOCUMENTS								
Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date	
CR	AA	5,704,700	01/06/98	Kappel et al.	353	31	07/24/95	
	AB							
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FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS								
		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
	AK						Yes	
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OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)								
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Examiner:	<i>Robert W. Corrigan</i>		Date Considered: 4/8/04					
EXAMINER:	Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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FORM PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No.: SLM-05800	Serial No.: 09/832,738
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (List Patent/Trade Secrets If Necessary)		Applicant: Robert W. Corrigan et al.	
		Filing Date: April 10, 2001	Group Art Unit: 2643
(37 CFR § 1.98(b))			



U.S. PATENT DOCUMENTS

Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
CA	AA	5,311,360	05/10/94	Bloom et al.	359	572	04/28/92
	AB	5,629,801	05/13/97	Staker et al.	359	572	06/07/95
	AC	5,757,536	05/26/98	Ricco et al.	359	224	08/30/95
	AD	5,764,280	06/09/98	Bloom et al.	348	53	03/20/97
	AE	5,808,797	09/15/98	Bloom et al.	359	572	04/26/96
	AF	5,982,553	11/09/99	Bloom et al.	359	627	03/20/97
	AG	6,215,579 B1	04/10/01	Bloom et al.	359	298	06/24/98
	AH						
	AI						
	AJ						

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
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	AO							

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CA	AP	R.W. Corrigan et al., "Calibration of a Scanned Linear Grating Light-Valve, Projection System for E-Cinema Applications", Silicon Light Machines, SID'99, San Jose, CA, 27 pgs, 1999.
CA	AQ	R.W. Corrigan et al., "Calibration of a Scanned Linear Grating Light-Valve, Projection System", Silicon Light Machines, San Jose, CA, 4 pgs, May 18, 1999.
CA	AR	"Introduction to Cryptography", http://www.ssh.fi/tech/crpto/intro.html , 35 pgs, June 21, 1999.
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Date Considered: 4/8/04

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of
Invention

METHOD, SYSTEM AND DISPLAY APPARATUS FOR
ENCRYPTED CINEMA

Application Number: 09/832738



Confirmation Number: 3462

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First Named Applicant: Robert Corrigan

FEB 04 2004

Attorney Docket Number:

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Search string: (4257053 or 4561011 or 5216278 or 5320709
or 5552635 or 5832148 or 5841929 or 6012336
or 6096656 or 20020131228 or 20020195418 or
20020196492).pn.

Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
(a)	1	4257053	1981-03-17	Gilbreath			
	2	4561011	1985-12-24	Kohara et al.			
	3	5216278	1993-06-01	Lin et al.			
	4	5320709	1994-06-14	Bowden et al.			
	5	5552635	1996-09-03	Kim et al.			
	6	5832148	1998-11-03	Yariv			
	7	5841929	1998-11-24	Komatsu et al.			
	8	6012336	2000-01-11	Eaton et al.			

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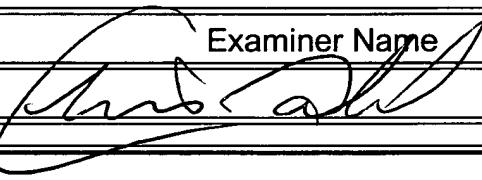
Matzke et al.

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
CP	1	20020131228	2002-09-19	Potter	A1		
✓	2	20020195418	2002-12-26	Kowarz et al.	A1		
✓	3	20020196492	2002-12-26	Trisnadi et al.	A1		

Signature

Examiner Name	Date
	4/8/04

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	METHOD, SYSTEM, AND DISPLAY APPARATUS FOR ENCRYPTED CINEMA	
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Application Number: 09/832738 *09/832738*
 Confirmation Number: 3462
 First Named Applicant: Robert Corrigan
 Attorney Docket Number:
 Search string: (5963788 or 6356689 or 5319668 or 6565222 or 4963012 or 20020112746 or 20020131230 or 20010019454).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
CN	1	5963788	1999-10-05	Barron et al.		438	48
	2	6356689	2002-03-12	Greywall	B1	385	52
	3	5319668	1994-06-07	Luecke		372	107
	4	6565222	2003-05-20	Ishii et al.	B1	359	883
↓	5	4963012	1990-10-16	Tracy et al.		350	641

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

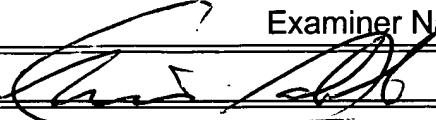
init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
CN	1	20020112746	2002-08-22	DeYoung et al.	A1	134	36
CN	2	20020131230	2002-09-19	Potter	A1	361	277
CN	3	20010019454	2001-09-06	Tadic-Galeb et al.	A1	359	649

Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current electronic filing contains part 16 out of a total of 16 electronic filings.

Signature

	Examiner Name	Date
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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	METHOD, SYSTEM AND DISPLAY APPARATUS FOR ENCRYPTED CINEMA
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Application Number: 09/832738



Confirmation Number: 3462

First Named Applicant: Robert Corrigan

Attorney Docket Number:

Search string: (5031144 or 5185823 or 5206829 or 6249381
or 6282213 or 6313901 or 6346430 or 6418152
or 6479811 or 6569717 or 20020135708 or
20020176151 or 20030056078).pn.

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That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
CA	1	5031144	1991-07-09	Persky			
	2	5185823	1993-02-09	Kaku et al.			
	3	5206829	1993-04-27	Thakoor et al.			
	4	6249381	2001-06-19	Suganuma	B1		
	5	6282213	2001-08-28	Gutin et al.	B1		
	6	6313901	2001-11-06	Cacharelis	B1		
	7	6346430	2002-02-12	Raj et al.	B1		
	8	6418152	2002-07-09	Davis	B1		

CV	9	6479811	2002-11-12	Kruschwitz et al.	B1
CV	10	6569717	2003-05-27	Murade	B1

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
CV	1	20020135708	2002-09-26	Murden et al.	A1		
CV	2	20020176151	2002-11-28	Moon et al.	A1		
CV	3	20030056078	2003-03-20	Johansson et al.	A1		

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

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Title of Invention	METHOD, SYSTEM AND DISPLAY APPARATUS FOR ENCRYPTED CINEMA
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Application Number: 09/832738



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First Named Applicant: Robert Corrigan

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Attorney Docket Number:

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Search string: (5229597 or 5315429 or 6154305 or 6438954).pn.

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
cu	1	5229597	1993-07-20	Fukatsu			
	2	5315429	1994-05-24	Abramov			
	3	6154305	2000-11-28	Dickensheets et al.			
	4	6438954	2002-08-27	Goetz et al.	B1		

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FORM PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No.: SLM-05800	Serial No.: 09/832,738
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(37 CFR § 1.98(b))		Filing Date: April 10, 2001	Group Art Unit: 2643

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use Several Sheets If Necessary)

(37 CFR § 1.98(b))

U.S. PATENT DOCUMENTS

Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patente	Class	Subclass	Filing Date
CR	AA	Des. 334,557	04/06/93	Hunter et al.	D14	114	10/23/90
	AB	Des. 334,742	04/13/93	Hunter et al.	D14	113	10/03/90
	AC	Des. 337,320	07/13/93	Hunter et al.	D14	113	10/03/90
	AD	Re. 16,767	10/11/27	Jenkins			10/31/22
↓	AE	Re. 25,169	05/15/62	Glenn			06/01/54
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	AG						JUL 23 2003
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							Yes	No
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	AL	DE 197 23 618 A1	12/11/97	DE	G 03 F	1/14		X
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	AN	DE 198 46 532 C1		DE	G 02 B	27/09		X
	AO	0 089 044 A2	09/21/83	EP	H 01 L	23/10		X
	AP	0 261 901 A2	03/30/88	EP	G09G	3/36		X
	AQ	0 304 263 A2	02/22/89	EP	H 01 L	25/065		X
	AR	0 306 308 A2	03/08/89	EP	H 04 N	3/14		X
	AS	0 314 437 A1	10/25/88	EP	H 01 L	25/08		X
	AU	0 417 039 A1	03/13/91	EP	G 03B	21/20	X	
	AV	0 423 513 A2	04/24/91	EP	H01S	3/085		X
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	AY	0 477 566 A2	04/01/92	EP	G02B	26/08		X
	AZ	0 488 326 A3	06/03/92	EP	G09G	3/28		X
	BA	0 499 566 A2	08/19/92	EP	G06F	3/033		X
	BB	0 528 646 A1	02/24/93	EP	G09G	3/02		X

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				Filing Date: April 10, 2001	

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U.S. Patent and Trademark Office

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

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							Yes	No
CR	BC	0 530 760 A2	03/10/93	EP	G09G	3/34		X
	BD	0 550 189 A1	07/07/93	EP	G02F	1/315		X
	BE	0 610 665 A1	08/17/94	EP	G09G	3/34		X
	BF	0 627 644 A2	12/07/94	EP	G02B	27/00		X
	BG	0 627 644 A3	09/11/90	EP	G02B	27/00		X
	BH	0 627 850 A1	12/07/94	EP	H04N	5/64		X
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	BJ	0 654 777 A1	05/24/95	EP	G09G	3/34		X
	BK	0 658 868 A1	06/21/95	EP	G 09G	3/34		X
	BL	0 658 830 A1	12/06/95	EP	G09G	3/34		X
	BM	0 689 078 A1	12/27/95	EP	G02B	26/08		X
	BN	0 801 319 A1	10/15/97	EP	G02B	26/00		X
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	BQ	1 014 143 A1	06/28/00	EP	G02B	26/08		X
	BR	1 040 927 A2	10/04/00	EP	B41J	2/455		X
	BS	GB 2 117 564 A	10/12/83	GB	H 01 L	25/08		X
	BT	GB 2 118 365 A	10/26/83	GB	H 01 L	27/13		X
	BU	GB 2 266 385 A	10/27/93	GB	G02B	23/10		X
	BV	GB 2 296 152 A	06/19/96	GB	H04N	13/04		X
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	BX	JP 1-155637	06/19/89	JP	H01L	21/66		X
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	BZ	JP 2219092	08/31/90	JP	G09G	3/28		X
	CA	JP 3288369	03/15/02	JP	G 02 B	26/06		X
	CB	JP 53-39068	04/10/78	JP	H 01 L	23/12		X
	CC	JP 55-111151	08/27/80	JP	H 01 L	27/00		X
	CD	JP 57-210638	12/24/82	JP	H 01 L	21/60		X
	CE	JP 57-31166	02/19/82	JP	H 01 L	23/48		X
	CF	JP 60-49638	03/18/85	JP	H 01 L	21/60		X
	CG	JP 60-94756	05/27/85	JP	H 01 L	25/04		X
	CH	JP 60-250639	12/11/85	JP	H 01 L	21/58		X
	CI	JP 61-142750	06/30/86	JP	H 01 L	21/60		X
	CJ	JP 61-145838	07/03/86	JP	H 01 L	21/60		X
	CK	JP 63-234767	09/30/88	JP	H 04 N	1/04		X

Examiner:

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4/8/04

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FORM PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary) (37 CFR § 1.98(b))				U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: SLM-05800	Serial No.: 09/832,738
				Applicants: Robert W. Corrigan et al			
				Filing Date: April 10, 2001		Group Art Unit: 2643	

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		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
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	EG	O. Solgaard, "Integrated Semiconductor Light Modulators for Fiber-Optic and Display Applications", Ph.D. Dissertation, Stanford University February, 1992.
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				Filing Date: April 10, 2001	Group Art Unit: 2643
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)					
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	ES	L. Hornbeck, "Deformable-Mirror Spatial Light Modulators," Spatial Light Modulators and Applications III, Aug. 8, CA 1989, pp. 86-102			
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Examiner:	<i>Chris J. Parker</i>		Date Considered:	<i>4/9/04</i>	
EXAMINER:	Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				

FORM PTO-1449 (Modified) Office			U.S. Department Patent and Trademark		Attorney Docket No.: SLM-05800		Serial No.: 09/832,738	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(See Several Sheets if Necessary)</small>			<small>TRADEMARKS</small>		Applicants: Robert W. Corrigan et al			
<small>(37 CFR § 1.98(b))</small>					Filing Date: April 10, 2001		Group Art Unit: 2643	
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)								
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Examiner: <i>[Signature]</i>				Date Considered: <i>7/8/04</i>				
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

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			Filing Date: April 10, 2001	

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	AB						
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FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

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							Yes	No
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	AQ							
	AR							
	AS							
	AT							

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